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Product Type   **XLR Plug**

Product Model   **SCMM5-B**

Customer Name

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed

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Product Data Sheet

Product Type	**XLR Plug**
Product Model	**SCMM5-B**

Product Features

➢ 5-core XLR male cable connector with black plated housing and silver plated contacts

➢ The metal housing adopts internal thread design to ensure that it can withstand gravity under any site conditions

➢ Two cable clamps are provided for different cable diameters; black clamp 3.5-6mm; white clamp 6-8mm

➢ No ring design which is more compact and can save space

➢ Colored boots available for coding and identification

➢ The boot is equipped with a polyurethane sealing sleeve to prevent the cable from being affected by bending pressure to the greatest extent

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Product parameters	
Item	**Specification**
Connection Type	XLR
Gender	Male

Electrical Parameters	
Item	**Specification**
Capacitance between contacts	≤ 7pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1.5 kV DC
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	7.5 A
Rated voltage	< 50 V

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Mechanical Parameters	
Item	**Specification**
Cable O.D.	Black Strain relief: 3.5-6 mm White Strain relief: 6-8 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 1000 mating cycles
Cable size	Max.1.0 mm^2 Max.18 AWG
Locking device	Latch lock

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Material and Environmental Parameters

Item	Specification
Boot	PA
Contacts	Cu alloy
Contact plating	Ag
Insert 内芯	PA
Housing 外壳	Zinc alloy
Housing plating	Black
Strain relief	POM
Flame-retardant grade	UL 94 HB
Protection class	IP40
Temperature range	-30°C ~ +80°C

Standards and Certifications

Standards	IEC 61076-2-103
Solderability	Complies with IEC 68-2-20

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Product Drawing

61.00±0.30

Ø18.90±0.20

Ø20.20±0.20

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Unit: mm

Packaging Method

1 pc per bag (include 1 pc each of inner core, housing, black and white cable clamps, boot)
80 pcs per inner carton, 5 inner cartons per master carton (400 pcs per master carton)
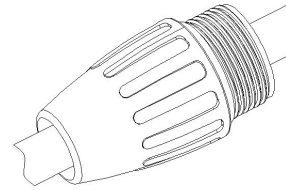
Accessory

☑   No accessories   ☐   Back fastener plate
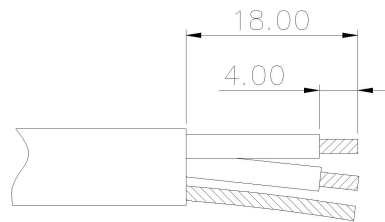
☐   Screws and Nuts   ☐   Other

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Assembly Instructions

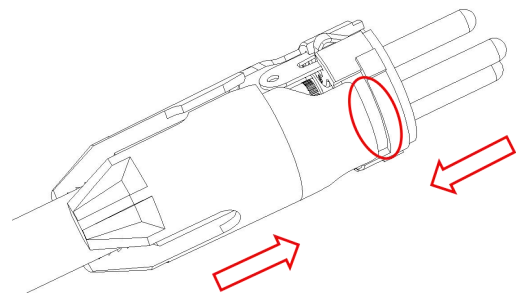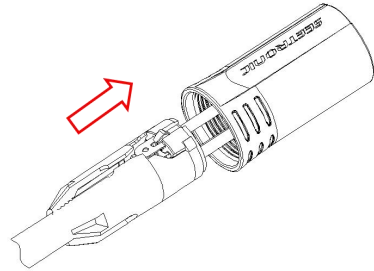|	
(1) Put the cable through the boot	
(2) Strip the cable in the size as shown	18.00 4.00
(3) Insert the conductor of the cable into the terminal of the inner core and solder	
(4) Insert cable into the clamp and snap into inner core assembly bayonet	
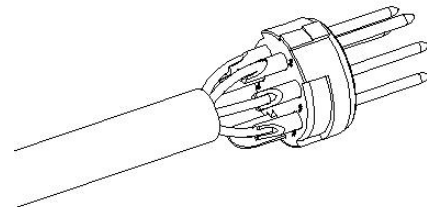
Product Data Sheet

(5) Push the inner core component and clamp into the housing.	
(6) After assembly of the wire clip assembly, core assembly and housing, tighten the bushing in a clockwise direction	